

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

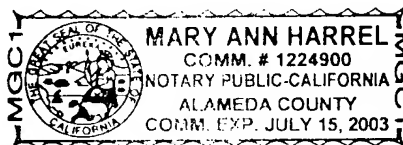
State of California)

County of Alameda)

On December 7, 2001 before me, Mary Ann Harrel, Notary Public, personally
appeared YOUNG-KYUN KWON, SEUNG-HOON JIM, KEITH BRADLEY,
PHILIP B. COLLINS, JEAN CHRISTOPHE P. GABRIEL,

proved to me on the basis of satisfactory evidence to be the persons whose names are
subscribed to the within instrument and acknowledged to me that they executed the same in
their authorized capacities and that by their signatures on the instrument the persons, or the
entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.



Mary Ann Harrel

Mary Ann Harrel, Notary Public

OPTIONAL INFORMATION

Title of Type of Document Declaration for Patent Appl. - Increasing Absorption

Date of Document 12-7-01

No. of Pages 2

Signer(s) Other Than Named Above GEORGE GÄÜKER

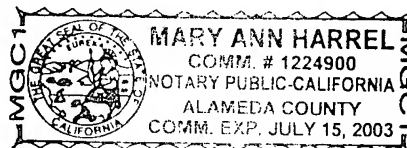
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)

County of Alameda)

On December 10, 2001 before me, Mary Ann Harrel, Notary Public, personally appeared GEORGE GRUNER,
proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that he executed the same in
his authorized capacity and that by his signature on the instrument the person, or the entity
upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.



Mary Ann Harrel

Mary Ann Harrel, Notary Public

OPTIONAL INFORMATION

Title of Type of Document Declaration for Patent Appl. - Inventing Absorption

Date of Document 12/7/01 and 12/10/01

No. of Pages 3 including back.

Signer(s) Other Than Named Above Kwon, Jai, Bradley, Collins, Hebrich